



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN STREET
CHICAGO, IL 60604

US EPA RECORDS CENTER REGION 5



513964

REPLY TO THE ATTENTION OF:

SQ-14J

MEMORANDUM

DATE: DEC 06 1991

SUBJECT: Approval of the Quality Assurance Project Plan for the 1992 Annual Sampling and Analysis of Groundwater at the Reilly Tar & Chemical Site in St. Louis Park, Minnesota

FROM: Valerie J. Jones
Regional Quality Assurance Manager

TO: John Kelley, Chief
Ohio/Minnesota Remedial Response Branch

ATTENTION: Darryl Owens, Remedial Project Manager

I am providing approval of the Quality Assurance Project Plan (QAPjP) for the 1992 annual sampling and analysis of groundwater at the Reilly Tar & Chemical site in St. Louis Park, Minnesota. The QAPjP package, which was received by the Quality Assurance Section (QAS) on November 13, 1991 (QAS Log-In No. 1648), consists of a revised SOP for the analysis of Low Level PAHs and changed pages to be inserted in the QAPjP of the 1991 annual sampling and analysis of groundwater.

The original signature page is attached. Please have the Remedial Project Manager provide final sign-off, and send us a copy of the completed signature page within 2 weeks of this memo.

Attachment

cc: Jodi Traub (HS-6J)
Kaushal Khanna (HSrlt-5J)



Printed on Recycled Paper

QUALITY ASSURANCE PROJECT PLAN

Page: 1 of 74
Date: Dec. 1991
Number: RAP 3.3
Revision: 2

QUALITY ASSURANCE PROJECT PLAN FOR 1992 ANNUAL SAMPLING AND ANALYSIS - GROUND WATER AND GAC TREATMENT SYSTEM MONITORING

Reilly Tar & Chemical
St. Louis Park, Minnesota

Prepared by

The City of St. Louis Park
St. Louis Park, MN 55416

Approved by: _____ Date: _____
Gary Torf, Quality Assurance
Director, Rocky Mountain Analytical Laboratory

Approved by: _____ Date: _____
James N. Grube, Project Manager
City of St. Louis Park, MN

Apporved by: Valerie J. Jones Date: 12/06/91
Valerie J. Jones, Regional Quality
Assurance Manager, U.S. EPA Region V

Approved by: Darryl Owens Date: 1/20/92
Remedial Project Manager
U.S. EPA Region V

Approved by: _____ Date: _____
Project Manager
Minnesota Pollution Control Agency

QUALITY ASSURANCE PROJECT PLAN

Page: 1 of 74
Date: Oct., 1992
Number: RAP 3.3.
Revision: 2

QUALITY ASSURANCE PROJECT PLAN
FOR SAMPLING AND ANALYSIS - GROUND WATER
AND GAC TREATMENT SYSTEM MONITORING

Prepared by

The City of St. Louis Park
St. Louis Park, MN 55416

Approved by: Lee B. Roudybush Date: 10/20/92
Lee Roudybush, Quality Assurance
Director, Rocky Mountain Analytical Laboratory

Approved by: James N. Grube Date: 10/29/92
James N. Grube, Project Manager
City of St. Louis Park, MN

Approved by: [Signature] Date: 8/27/93
Quality Assurance Officer
U.S. EPA Region V

Approved by: Darryl Owens Date: 9/14/93
Remedial Project Manager
U.S. EPA Region V

Approved by: _____ Date: _____
Project Manager
Minnesota Pollution Control Agency

QAPP Approval language

The Quality Assurance Project Plan (QAPP) portion of the Sampling Plan is approved based on the revisions submitted in the city's August 26, 1993 letter. Enclosed is the signature page of the QAPP with approvals given by the Quality Assurance Officer and the Agency's respective project managers. Please complete the signature page and return a copy to the Agencies as soon as possible.

QUALITY ASSURANCE PROJECT PLAN

Page: 1 of 74
Date: Feb., 1991
Number: RAP 3.3.
Revision: 1

QUALITY ASSURANCE PROJECT PLAN
FOR SAMPLING AND ANALYSIS - GROUND WATER
AND GAC TREATMENT SYSTEM MONITORING

Prepared by

The City of St. Louis Park
St. Louis Park, MN 55416

Approved by: Gary Torf Date: 10-25-90
Gary Torf, Quality Assurance
Director, Rocky Mountain Analytical Laboratory

Approved by: James N. Grube Date: 10/29/90
James N. Grube, Project Manager
City of St. Louis Park, MN

Approved by: John A. Park Date: 12/19/90
Quality Assurance Officer
U.S. EPA Region V

Approved by: Darryl Owens Date: 2/28/91
Remedial Project Manager
U.S. EPA Region V

Approved by: Douglas C. Beckwith Date: 3-4-91
Project Manager
Minnesota Pollution Control Agency